

Dr. Brian R. Wamhoff is co-founder of HemoShear and co-inventor of its patented technology. HemoShear creates human relevant systems to accurately replicate the biology of organ systems and diseases for use throughout drug discovery and development. Working in strategic partnerships with pharmaceutical, biotechnology and medical device companies, HemoShear generates meaningful human response data to increase confidence in decision-making, reduce risk of costly failures and identify efficacious therapies. Our science leads to new medicines and improves human health. Dr. Wamhoff has expertise in small and large animal models of vascular disease, molecular biology, cell-based systems, toxicology and interventional vascular device development. During his tenure as Associate Professor at the University of Virginia, he obtained funding from the National Institutes of Health, the pharmaceutical industry, the American Heart Association, and other organizations to study fundamental mechanisms that regulate vascular disease. Dr. Wamhoff has authored more than 55 peer-reviewed manuscripts, as well as several book chapters and commentaries. Dr. Wamhoff has also received multiple awards for his successes, including the 2004 American Physiological Society Cardiovascular Young Investigator Award, the 2008 Atherosclerosis, Thrombosis, and Vascular Biology Irvine H. Page Award, the 2010 American Physiological Society New Investigator Award for Cardiovascular Research, the 2011 Rhodes College Distinguished Alumni Award, his alma mater and recently, he was a 2012 Center for Innovative Technology GAP 50 Entrepreneur Award recipient. Dr. Wamhoff obtained a BS in Biology with a minor in Business Administration from Rhodes College in 1996 and received his PhD in Medical Physiology from the University of Missouri in 2001.

